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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/583,200D

DATE: 03/13/2003 P.6
TIME: 13:53:00

Input Set : A:\sequence.listing.ascii.txt

Output Set: N:\CRF4\03132003\I583200D.raw

3 <110> APPLICANT: Fikes, John D.
4 Sette, Alessandro
5 Sidney, John
6 Southwood, Scott
7 Celis, Esteban
8 Keogh, Elissa A.
9 Chesnut, Robert
11 <120> TITLE OF INVENTION: HLA Class I A2 Tumor Associated Antigen
12 Peptides and Vaccine Compositions
15 <130> FILE REFERENCE: 2060.0150002
17 <140> CURRENT APPLICATION NUMBER: US 09/583,200D
18 <141> CURRENT FILING DATE: 2000-05-30
20 <150> PRIOR APPLICATION NUMBER: US 60/170,448
21 <151> PRIOR FILING DATE: 1999-12-13
23 <150> PRIOR APPLICATION NUMBER: US 60/141,422
24 <151> PRIOR FILING DATE: 1999-06-29
26 <150> PRIOR APPLICATION NUMBER: US 09/098,584
27 <151> PRIOR FILING DATE: 1998-06-17
29 <150> PRIOR APPLICATION NUMBER: US 09/017,735
30 <151> PRIOR FILING DATE: 1998-02-03
32 <150> PRIOR APPLICATION NUMBER: US 09/016,361
33 <151> PRIOR FILING DATE: 1998-01-30
35 <150> PRIOR APPLICATION NUMBER: US 08/821,739
36 <151> PRIOR FILING DATE: 1997-03-20
38 <150> PRIOR APPLICATION NUMBER: US 60/036,696
39 <151> PRIOR FILING DATE: 1997-01-31
41 <150> PRIOR APPLICATION NUMBER: US 60/013,833
42 <151> PRIOR FILING DATE: 1996-03-21
44 <150> PRIOR APPLICATION NUMBER: US 08/589,108
45 <151> PRIOR FILING DATE: 1996-01-23
47 <150> PRIOR APPLICATION NUMBER: US 08/589,107
48 <151> PRIOR FILING DATE: 1996-01-23
50 <150> PRIOR APPLICATION NUMBER: US 08/451,913
51 <151> PRIOR FILING DATE: 1995-05-26
53 <150> PRIOR APPLICATION NUMBER: US 08/347,610
54 <151> PRIOR FILING DATE: 1994-12-01
56 <150> PRIOR APPLICATION NUMBER: US 08/205,713
57 <151> PRIOR FILING DATE: 1994-03-04
59 <150> PRIOR APPLICATION NUMBER: US 08/186,266
60 <151> PRIOR FILING DATE: 1994-01-25
63 <150> PRIOR APPLICATION NUMBER: US 08/159,339
64 <151> PRIOR FILING DATE: 1993-11-29
66 <150> PRIOR APPLICATION NUMBER: US 08/159,184

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69 <150> PRIOR APPLICATION NUMBER: US 08/103,396
70 <151> PRIOR FILING DATE: 1993-08-06
72 <150> PRIOR APPLICATION NUMBER: US 08/073,205
73 <151> PRIOR FILING DATE: 1993-06-04
75 <150> PRIOR APPLICATION NUMBER: US 08/027,746
76 <151> PRIOR FILING DATE: 1993-03-05
78 <150> PRIOR APPLICATION NUMBER: US 08/027,146
79 <151> PRIOR FILING DATE: 1993-03-05
81 <160> NUMBER OF SEQ ID NOS: 72
83 <170> SOFTWARE: PatentIn version 3.1
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87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
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91 <223> OTHER INFORMATION: CEA.233V10
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109 <210> SEQ ID NO: 3
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115 <223> OTHER INFORMATION: CEA.687
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126 <220> FEATURE:
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131 1 5 10
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Input Set : A:\sequence.listing.ascii.txt

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139 <223> OTHER INFORMATION: p53.139L2
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150 <220> FEATURE:
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155 1 5
157 <210> SEQ ID NO: 7
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159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: p53.149L2
165 <400> SEQUENCE: 7
166 Ser Leu Pro Pro Pro Gly Thr Arg Val
167 1 5
169 <210> SEQ ID NO: 8
170 <211> LENGTH: 9
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
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178 Ser Met Pro Pro Pro Gly Thr Arg Val
179 1 5
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182 <211> LENGTH: 9
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Her2/neu.369L2V9
189 <400> SEQUENCE: 9
190 Lys Leu Phe Gly Ser Leu Ala Phe Val
191 1 5
193 <210> SEQ ID NO: 10
194 <211> LENGTH: 9
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
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199 <223> OTHER INFORMATION: Her2/neu.369V2V9

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Input Set : A:\sequence.listing.ascii.txt

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214 Val Met Ala Gly Val Gly Ser Pro Tyr Val
215 1 5 10
217 <210> SEQ ID NO: 12
218 <211> LENGTH: 9
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Her2/neu.5
225 <400> SEQUENCE: 12
226 Ala Leu Cys Arg Trp Gly Leu Leu Leu
227 1 5
229 <210> SEQ ID NO: 13
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: MAGE3.271
237 <400> SEQUENCE: 13
238 Phe Leu Trp Gly Pro Arg Ala Leu Val
239 1 5
241 <210> SEQ ID NO: 14
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Her2/neu.48
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250 His Leu Tyr Gln Gly Cys Gln Val Val
251 1 5
253 <210> SEQ ID NO: 15
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255 <212> TYPE: PRT
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258 <220> FEATURE:
259 <223> OTHER INFORMATION: Her2/neu.435
261 <400> SEQUENCE: 15
262 Ile Leu His Asn Gly Ala Tyr Ser Leu
263 1 5
265 <210> SEQ ID NO: 16

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Input Set : A:\sequence.listing.ascii.txt

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268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: CEA.691
273 <400> SEQUENCE: 16
274 Ile Met Ile Gly Val Leu Val Gly Val
275 1 5
277 <210> SEQ ID NO: 17
278 <211> LENGTH: 9
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
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283 <223> OTHER INFORMATION: Her2/neu.369
285 <400> SEQUENCE: 17
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289 <210> SEQ ID NO: 18
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291 <212> TYPE: PRT
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294 <220> FEATURE:
295 <223> OTHER INFORMATION: MAGE3.112
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298 Lys Val Ala Glu Leu Val His Phe Leu
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301 <210> SEQ ID NO: 19
302 <211> LENGTH: 9
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: CEA.24V9
309 <400> SEQUENCE: 19
310 Leu Leu Thr Phe Trp Asn Pro Pro Val
311 1 5
313 <210> SEQ ID NO: 20
314 <211> LENGTH: 10
315 <212> TYPE: PRT
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: MAGE3.160
321 <400> SEQUENCE: 20
322 Leu Val Phe Gly Ile Glu Leu Met Glu Val
323 1 5 10
325 <210> SEQ ID NO: 21
326 <211> LENGTH: 11
327 <212> TYPE: PRT
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/583,200D

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:29; Xaa Pos. 3,7
Seq#:30; Xaa Pos. 3
Seq#:34; Xaa Pos. 3
Seq#:37; Xaa Pos. 3
Seq#:40; Xaa Pos. 3
Seq#:56; Xaa Pos. 1,5,6,8,9
Seq#:57; Xaa Pos. 1,3,5,6,7
Seq#:58; Xaa Pos. 3
Seq#:62; Xaa Pos. 3
Seq#:65; Xaa Pos. 3
Seq#:68; Xaa Pos. 3
Seq#:70; Xaa Pos. 3
Seq#:72; Xaa Pos. 3

VERIFICATION SUMMARY

DATE: 03/13/2003

PATENT APPLICATION: US/09/583,200D

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Input Set : A:\sequence.listing.ascii.txt

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L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:1149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
L:1214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
L:1279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0